

# WEST PILBARA INFRASTRUCTURE PROJECT (WP/IP) FEASIBILITY STUDY



## The Client



## The Project

- Site Investigations Manager responsible for the Feasibility Study scoping, procurement and execution of the field investigations for both geotechnical and hydro geotechnical investigations for the Railway and Port
- Analysis and assessment of investigation results incorporated into the Feasibility Study Execution Strategy
- Supported the RFQ process through to commencement of Early Contractor Involvement (ECI) for development of binding submissions ultimately incorporated into the Feasibility Study
- Constructability review and input for final feasibility design and estimate basis
- Construction Water solution development taking into account ground water sources, offshore intake and available allocations from regional catchment supplies



## The Challenge

- Development and implementation of the Project Execution Plan, Schedule and Estimate to meet Study timeline requirements
- Rapid Procurement and Mobilisation of site investigation resources
- Multiple JV parties involvement managed for best for project outcomes
- Stakeholder liaison and management for both private entity and government owned corporations (GOC's) impacting site access and program progress
- Sensitive Cultural Heritage and Environmental considerations managed for project success
- Management of consultant engineering resources to ensure timely production of reliable information to ECI Contractor and internal estimating team for basis of FS
- Remote management of site teams from Perth Project office to ensure program executed safely, on time and to budget

## The Outcome

- Site Investigation Program completed on time and Budget with NIL Safety incidents
- Excellent Relationships developed and maintained with all stakeholders and JV parties both at site and centralised offices
- Feasibility Study produced to required or better than required level of confidence in regards to Geotechnical and Hydro-geotechnical risk and opportunity considerations